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RAW SEQUENCE LISTING

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Application Serial Number: 10/526, 543
Source: PCT
Date Processed by STIC: 01/04/2006

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PCT

RAW SEQUENCE LISTING

DATE: 01/04/2006

PATENT APPLICATION: US/10/526,543

TIME: 10:23:54

Input Set : A:\4-20-05 - Sequence Listing.txt

Output Set: N:\CRF4\01042006\J526543.raw

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3 <110> APPLICANT: IMAKAWA, Kazuhiko
4     NAGAOKA, Kentaro
5     WATANABE, Fumiko
7 <120> TITLE OF INVENTION: Regulator for Implantation
9 <130> FILE REFERENCE: 2005-0329A/WMC/01332
11 <140> CURRENT APPLICATION NUMBER: 10/526,543
12 <141> CURRENT FILING DATE: 2005-03-03
14 <150> PRIOR APPLICATION NUMBER: PCT/JP2003/011268
15 <151> PRIOR FILING DATE: 2003-09-03
17 <150> PRIOR APPLICATION NUMBER: JP 2002-259268
18 <151> PRIOR FILING DATE: 2002-09-04
20 <160> NUMBER OF SEQ ID NOS: 26
22 <170> SOFTWARE: PatentIn Ver. 2.0
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 1171
26 <212> TYPE: DNA
27 <213> ORGANISM: Ovis aries
29 <220> FEATURE:
30 <221> NAME/KEY: CDS
31 <222> LOCATION: (60)..(368)
33 <400> SEQUENCE: 1
34 cactcctcaa ctcttcaggc agtctgagct actgcagaag taccttcagt tgcagcacc 59
36 atg aac aaa agt ggt ttt ctt att ttc tgc ctt atc ctt ctg act ctg 107
37 Met Asn Lys Ser Gly Phe Leu Ile Phe Cys Leu Ile Leu Leu Thr Leu
38 1 5 10 15
40 agt caa ggc ata cct ctc tct agg aac aca cgc tgc acc tgc atc gag 155
41 Ser Gln Gly Ile Pro Leu Ser Arg Asn Thr Arg Cys Thr Cys Ile Glu
42 20 25 30
44 atc agt aat gga tct gtt aat cca agg tcc tta gaa aaa ctt gaa ctg 203
45 Ile Ser Asn Gly Ser Val Asn Pro Arg Ser Leu Glu Lys Leu Glu Leu
46 35 40 45
48 att cct gca agt caa tcc tgc cca cgt gtc gag att att gcc aca atg 251
49 Ile Pro Ala Ser Gln Ser Cys Pro Arg Val Glu Ile Ile Ala Thr Met
50 50 55 60
52 aaa agg aat ggg gag aaa aga tgt ctg aat cca gaa tct aag acc atc 299
53 Lys Arg Asn Gly Glu Lys Arg Cys Leu Asn Pro Glu Ser Lys Thr Ile
54 65 70 75 80
56 aag aat tta ctg aaa gca att aac aag caa agg act aaa aga tct cct 347
57 Lys Asn Leu Leu Lys Ala Ile Asn Lys Gln Arg Thr Lys Arg Ser Pro
58 85 90 95
60 cga aca cag aaa gag gca taa tcaactgcact actgataaga tggaccagag 398
61 Arg Thr Gln Lys Glu Ala
62 100

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64 agaagctacc tctacaattg tttccctgtg tacagtatat gtcaagccct aattgttcgt 458
66 ggacttcagt tctcctaaaa ggtgaccaag ccagtcacca aatcagctgc tactactcct 518
68 gcagggggag ggtggctcat caccctgagc tgttcagtag tgactctgcc ctggcactgt 578
70 gactgtaagc tataccgggg cgctacgttc tcagttaatg tgctaagtcc cagccttgct 638
72 actgacagct tcttcccctt tccaatcttt ctaggttatt aagggatctt tccagctctg 698
74 ggcttattag agaccttagg atctcaaata actaagagac attcaaacca ataatgcaat 758
76 ctgcttttta aagaaagatc tttactccag gggcttcact gccatccctc caagggggccc 818
78 gtattctttc aggtgttatg tacatagttc caaatataca gaagcagcca gaaatatctg 878
80 gaaatgtagg tctaaacagt attacttagt caaaaactat acaaagtaga attcttgaag 938
82 atatatgttt cttatatgat tttcagtggt catggaataa cttgtatata actatcaact 998
84 tatgtaatta ttgcaatgga ataaattttt aaatttagat acatgttctg caggttatgt 1058
86 aagacaaata tgctaaatgc tttccaaaat aaaagtaatg ttctctccca gaaataactaa 1118
88 gaaagattat gtaattgttt tagaggccaa aaacataata aataattata act 1171

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91 <210> SEQ ID NO: 2

92 <211> LENGTH: 102

93 <212> TYPE: PRT

94 <213> ORGANISM: Ovis aries

96 <400> SEQUENCE: 2

97 Met Asn Lys Ser Gly Phe Leu Ile Phe Cys Leu Ile Leu Leu Thr Leu

98 1 5 10 15

100 Ser Gln Gly Ile Pro Leu Ser Arg Asn Thr Arg Cys Thr Cys Ile Glu

101 20 25 30

103 Ile Ser Asn Gly Ser Val Asn Pro Arg Ser Leu Glu Lys Leu Glu Leu

104 35 40 45

106 Ile Pro Ala Ser Gln Ser Cys Pro Arg Val Glu Ile Ile Ala Thr Met

107 50 55 60

109 Lys Arg Asn Gly Glu Lys Arg Cys Leu Asn Pro Glu Ser Lys Thr Ile

110 65 70 75 80

112 Lys Asn Leu Leu Lys Ala Ile Asn Lys Gln Arg Thr Lys Arg Ser Pro

113 85 90 95

115 Arg Thr Gln Lys Glu Ala

116 100

119 <210> SEQ ID NO: 3

120 <211> LENGTH: 20

121 <212> TYPE: DNA

122 <213> ORGANISM: Artificial Sequence

124 <220> FEATURE:

125 <223> OTHER INFORMATION: Description of Artificial

Sequence:Oligonucleotide

126 to act as a primer for PCR

128 <400> SEQUENCE: 3

129 cactcctcaa ctcttcaggc

20

132 <210> SEQ ID NO: 4

133 <211> LENGTH: 20

134 <212> TYPE: DNA

135 <213> ORGANISM: Artificial Sequence

137 <220> FEATURE:

138 <223> OTHER INFORMATION: Description of Artificial

Sequence:Oligonucleotide

139 to act as a primer for PCR

141 <400> SEQUENCE: 4

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142 ccatttccttt tcattgtggc                                20
145 <210> SEQ ID NO: 5
146 <211> LENGTH: 20
147 <212> TYPE: DNA
148 <213> ORGANISM: Artificial Sequence
150 <220> FEATURE:
151 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
152         to act as a primer for PCR
154 <400> SEQUENCE: 5
155 gcatcagctt cgatcggtac                                20
158 <210> SEQ ID NO: 6
159 <211> LENGTH: 20
160 <212> TYPE: DNA
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
165         to act as a primer for PCR
167 <400> SEQUENCE: 6
168 gatgcgggcg tagcaatagg                                20
171 <210> SEQ ID NO: 7
172 <211> LENGTH: 20
173 <212> TYPE: DNA
174 <213> ORGANISM: Artificial Sequence
176 <220> FEATURE:
177 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
178         to act as a primer for PCR
180 <400> SEQUENCE: 7
181 catcttcccc atggccttcg                                20
184 <210> SEQ ID NO: 8
185 <211> LENGTH: 20
186 <212> TYPE: DNA
187 <213> ORGANISM: Artificial Sequence
189 <220> FEATURE:
190 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
191         to act as a primer for PCR
193 <400> SEQUENCE: 8
194 tcatctcaaa gtgagttcag                                20
197 <210> SEQ ID NO: 9
198 <211> LENGTH: 20
199 <212> TYPE: DNA
200 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
204         to act as a primer for PCR
206 <400> SEQUENCE: 9
207 cgatgaaata cacaagctcc                                20
210 <210> SEQ ID NO: 10
211 <211> LENGTH: 20

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212 <212> TYPE: DNA

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213 <213> ORGANISM: Artificial Sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
217     to act as a primer for PCR
219 <400> SEQUENCE: 10
220 gattacattg atgctctccg                                20
223 <210> SEQ ID NO: 11
224 <211> LENGTH: 20
225 <212> TYPE: DNA
226 <213> ORGANISM: Artificial Sequence
228 <220> FEATURE:
229 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
230     to act as a primer for PCR
232 <400> SEQUENCE: 11
233 atggggaagg tgaaggtcgg                                20
236 <210> SEQ ID NO: 12
237 <211> LENGTH: 20
238 <212> TYPE: DNA
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
243     to act as a primer for PCR
245 <400> SEQUENCE: 12
246 atgtgggccca tgaggtccac                                20
249 <210> SEQ ID NO: 13
250 <211> LENGTH: 20
251 <212> TYPE: DNA
252 <213> ORGANISM: Artificial Sequence
254 <220> FEATURE:
255 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
256     to act as a primer for PCR
258 <400> SEQUENCE: 13
259 atggggaagg tgaaggtcgg                                20
262 <210> SEQ ID NO: 14
263 <211> LENGTH: 20
264 <212> TYPE: DNA
265 <213> ORGANISM: Artificial Sequence
267 <220> FEATURE:
268 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
269     to act as a primer for PCR
271 <400> SEQUENCE: 14
272 atgtgggccca tgaggtccac                                20
275 <210> SEQ ID NO: 15
276 <211> LENGTH: 20
277 <212> TYPE: DNA
278 <213> ORGANISM: Artificial Sequence
280 <220> FEATURE:
281 <223> OTHER INFORMATION: Description of Artificial

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Sequence:Oligonucleotide

282 to act as a primer for PCR

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284 <400> SEQUENCE: 15
285 atggagccct cagacatccc                                20
288 <210> SEQ ID NO: 16
289 <211> LENGTH: 20
290 <212> TYPE: DNA
291 <213> ORGANISM: Artificial Sequence
293 <220> FEATURE:
294 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
295         to act as a primer for PCR
297 <400> SEQUENCE: 16
298 gaggatctcc acgtagcaga                                20
301 <210> SEQ ID NO: 17
302 <211> LENGTH: 20
303 <212> TYPE: DNA
304 <213> ORGANISM: Artificial Sequence
306 <220> FEATURE:
307 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
308         to act as a primer for PCR
310 <400> SEQUENCE: 17
311 tgctgtgaac cagagtcgtc                                20
314 <210> SEQ ID NO: 18
315 <211> LENGTH: 20
316 <212> TYPE: DNA
317 <213> ORGANISM: Artificial Sequence
319 <220> FEATURE:
320 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
321         to act as a primer for PCR
323 <400> SEQUENCE: 18
324 atccactgca cagctgtggc                                20
327 <210> SEQ ID NO: 19
328 <211> LENGTH: 20
329 <212> TYPE: DNA
330 <213> ORGANISM: Artificial Sequence
332 <220> FEATURE:
333 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
334         to act as a primer for PCR
336 <400> SEQUENCE: 19
337 gaagcaggaa agagagcctg                                20
340 <210> SEQ ID NO: 20
341 <211> LENGTH: 20
342 <212> TYPE: DNA
343 <213> ORGANISM: Artificial Sequence
345 <220> FEATURE:
346 <223> OTHER INFORMATION: Description of Artificial
Sequence:Oligonucleotide
347         to act as a primer for PCR
349 <400> SEQUENCE: 20
350 ctatatccgt ggctcctttc                                20
353 <210> SEQ ID NO: 21

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354 <211> LENGTH: 20

VERIFICATION SUMMARY

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